

# Notice of Allowability

Application No.

09/989,812

Examiner

Dwin M. Craig

Applicant(s)

NEMECEK ET AL.

Art Unit

2123

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8-22-2005.
2. ☒ The allowed claim(s) is/are 1-4,6-8,10-16 and 18-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

**DETAILED ACTION**

**And**

**EXAMINER'S REASONS FOR ALLOWANCE**

1. Claims 1-4, 6-8, 10-16 and 18-20 are allowed.
2. Claims 5, 9 and 17 are cancelled.
3. The Examiner withdraws the earlier objection to the specification and thanks the Applicant for providing a new Abstract.

**Reasons for Allowance**

4. The following is an examiner's statement of reasons for allowance:

4.1 As regards independent claim 1, the allowability, in at least in part, resides in the combination of the following limitations, *"determining whether a clock signal from a DUT is received, said clock signal generated by said DUT when said DUT is coupled to an external power source;"* in combination with, *"if said clock signal is not received in response to c), decoupling power to said DUT from said in circuit emulator and generating a fault condition signal"*. The previously applied rejections to Applicants' claims are withdrawn in view of Applicants' instant amendments to the claims.

4.2 As regards independent claim 8, the allowability, in at least in part, resides in the combination of the following limitations, *"determining whether an activity signal from a DUT is received, said activity signal generated by said DUT when said DUT is coupled to an external power source, wherein said DUT is a microcontroller;"* in combination with, *"if said activity signal is not received in d), decoupling power to said DUT from said in circuit emulator and*

*generating a fault condition signal*". The previously applied rejections to Applicants' claims are withdrawn in view of Applicants' instant amendments to the claims.

4.3 As regards independent claim 15, the allowability in at least in part resides in the combination of the following limitations, "*an in circuit emulator coupled to said host computer system, said in circuit emulator having an in circuit emulator power source for activating a DUT, wherein said in circuit emulator comprises a field programmable gate array capable of emulating said DUT*" in combination with, "*in response to c), if said activity signal is not detected, decoupling power to said DUT from said in circuit emulator power source and generating a fault signal*". The previously applied rejections to Applicants' claims are withdrawn in view of Applicants' instant amendments to the claims.

4.4 Dependent claims 2-4, 6, 7, 10-14, 16 and 18-20 are allowed as they depend upon an allowed base claim.

4.5 Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

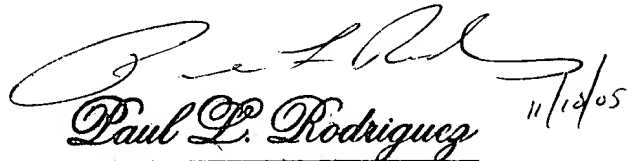
### ***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dwin M. Craig whose telephone number is (571) 272-3710. The examiner can normally be reached on 10:00 - 6:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leo P. Picard can be reached on (571) 272-3749. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DMC

  
Paul L. Rodriguez 11/12/05  
Primary Examiner  
Art Unit 2125